Discover materials for use in space, energy, medicine, computing, communications and sensing.

RESEARCH FOCUS AREAS
- Advanced Manufacturing
- Biomedical Materials & Devices
- Material Informatics, Modeling & Simulation
- Materials for Extreme Environments
- Metamaterials
- Optical Materials
- Quantum/Semiconductor Materials & Devices

PROGRAM HIGHLIGHTS
- One-on-one training
- Signature technical courses
- Specialization in areas of interest
- Extensive center and lab capabilities
- Entrepreneurial mindset, supported by Tech Launch Arizona
- Online MS classes

DEGREES
- PhD Materials Science & Engineering
- MS Materials Science & Engineering (online options)
- ME Innovation, Sustainability & Entrepreneurship (online options)

CERTIFICATES
- Materials Science & Engineering Fundamentals
- Microelectronics Packaging
- Semiconductor Processing

“...The diverse research problems in the MSE department have allowed me to investigate many classes of materials and learn many characterization techniques. The unique nature of the opportunities I have been presented challenge me to become a better engineer everyday."
- Luis Arciniaga, graduate student

FUNDING OPTIONS THROUGHOUT DEGREE LIFECYCLE

APPLICATION DEADLINES
- Fall: January 15
- Spring: June 1

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Throughout history, materials have been instrumental for technological advancement of society. The contributions from materials scientists and engineers are profound, as we are responsible for the discovery and development of design enabling materials that pave the way for innovation in the 21st century.”

- Sammy Tin, Department Head